Regular Expression to NFA conversion

Computer Design Lab 2021

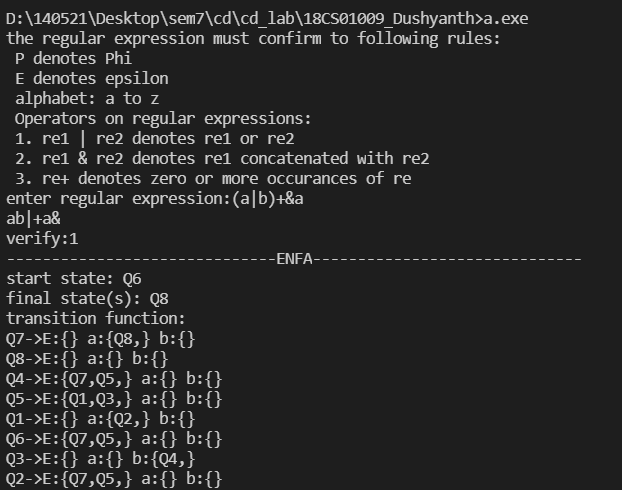
Name: Dushyanth

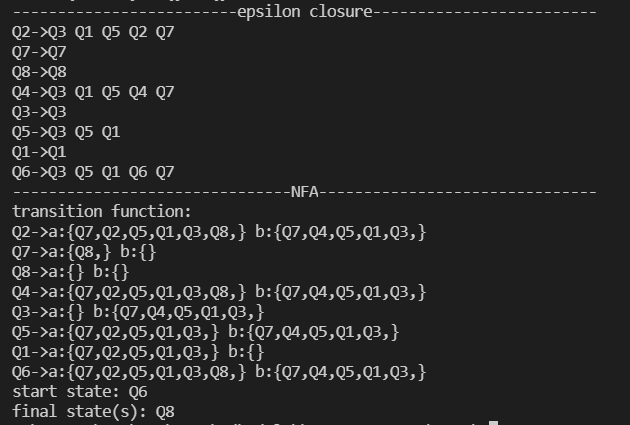
Roll No: 18CS01009

Examples:

1. **Input**: (a|b)+&a (Note: The macro ‘COUNT’ is 2)

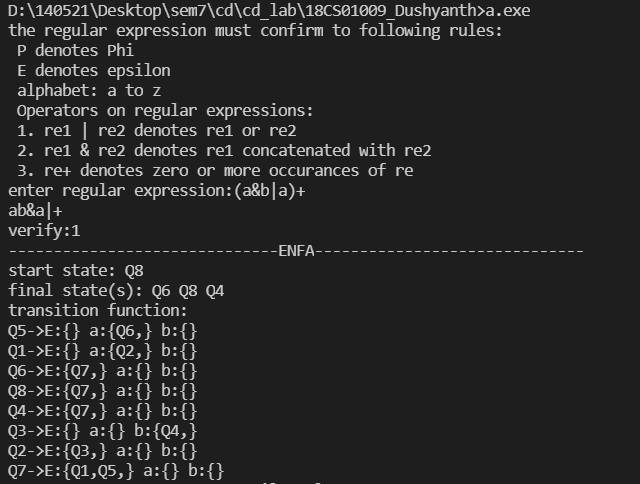
**Output:**

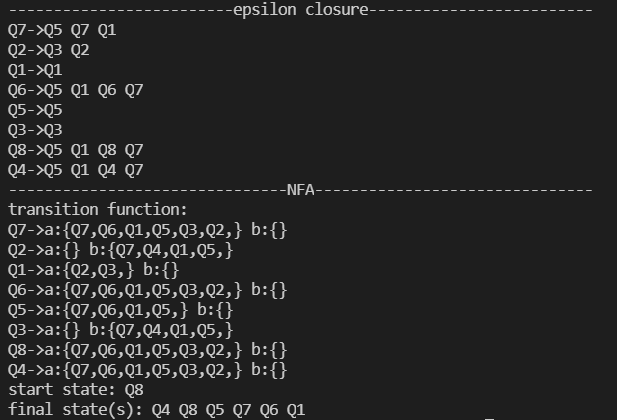




2. **Input**: (a&b|a)+

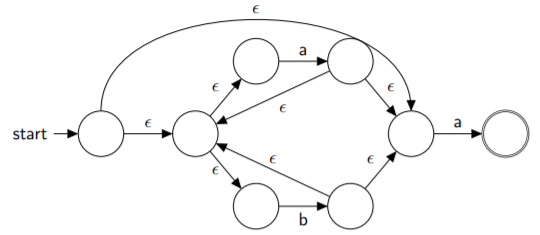
**Output**:



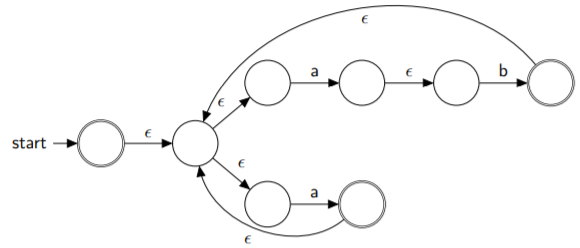


Epsilon NFA diagrams:

1.



2.



DFA minimization using Single Pass Table Filling Algorithm (O(n2))

Example:

